

ABSTRACT OF THE DISCLOSURE

A process for the manufacture of ultra-fine-particle hexanitrostilbene (HNS). Hexanitrostilbene is mixed in n-methylpyrrolidone (NMP) and the solution is steam heated for approximately one hour. The solution is rapidly mixed with cold water by means of drawing it through an aspirator through which water is flowing. The produced slurry is captured in a receiver and then filtered through a 0.45-micron filter. The recovered HNS product is then freeze dried